

PCT



WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C12N 9/10, 15/29, 15/54, 15/70, 15/80</b>		<b>A3</b>	<b>(11) International Publication Number:</b> <b>WO 00/14207</b> <b>(43) International Publication Date:</b> 16 March 2000 (16.03.00)
<b>(21) International Application Number:</b> PCT/US99/20419 <b>(22) International Filing Date:</b> 7 September 1999 (07.09.99) <b>(30) Priority Data:</b> 60/099,521                      8 September 1998 (08.09.98)                      US <b>(71) Applicant (for all designated States except US):</b> E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> CAHOON, Rebecca, E. [US/US]; 2331 West 18th Street, Wilmington, DE 19806 (US). MIAO, Guo-Hua [CN/US]; 202 Cheery Blossum Place, Hockessin, DE 19707 (US). POWELL, Wayne [GB/US]; 718 Mount Lebanon Road, Wilmington, DE 19803 (US). <b>(74) Agent:</b> MAJARIAN, William, R.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).			<b>(81) Designated States:</b> AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <b>(88) Date of publication of the international search report:</b> 17 August 2000 (17.08.00)
<b>(54) Title:</b> PLANT FARNESYLTRANSFERASES  <b>(57) Abstract</b>  This invention relates to an isolated nucleic acid fragment encoding a farnesyltransferase subunit. The invention also relates to the construction of a chimeric gene encoding all or a portion of the farnesyltransferase subunit, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the farnesyltransferase subunit in a transformed host cell.			

09786675-030701